Anna C Nobre

List of Publications by Year
in descending order

77 papers	9,875 citations	71102 41 h-index	71685 76 g-index
82 all docs	82 docs citations	82 times ranked	7406 citing authors

#	Article	IF	Citations
1	Multiple spatial frames for immersive working memory. Nature Human Behaviour, 2022, 6, 536-544.	12.0	27
2	Eyes wide open: Regulation of arousal by temporal expectations. Cognition, 2022, 224, 105062.	2.2	9
3	Consequences of predictable temporal structure in multi-task situations. Cognition, 2022, 225, 105156.	2.2	7
4	Functional but not obligatory link between microsaccades and neural modulation by covert spatial attention. Nature Communications, 2022, 13, .	12.8	49
5	Output planning at the input stage in visual working memory. Science Advances, 2021, 7, .	10.3	46
6	Looking ahead in working memory to guide sequential behaviour. Current Biology, 2021, 31, R779-R780.	3.9	21
7	Shielding working-memory representations from temporally predictable external interference. Cognition, 2021, 217, 104915.	2.2	18
8	Dissecting beta-state changes during timed movement preparation in Parkinsonâ€™s disease. Progress in Neurobiology, 2020, 184, 101731.	5.7	25
9	Comparing the prioritization of items and feature-dimensions in visual working memory. Journal of Vision, 2020, 20, 25.	0.3	19
10	Goal-directed and stimulus-driven selection of internal representations. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24590-24598.	7.1	44
11	Purpose-Dependent Consequences of Temporal Expectations Serving Perception and Action. Journal of Neuroscience, 2020, 40, 7877-7886.	3.6	18
12	One Thing Leads to Another: Anticipating Visual Object Identity Based on Associative-Memory Templates. Journal of Neuroscience, 2020, 40, 4010-4020.	3.6	15
13	Temporal Expectations Prepare Visual Working Memory for Behavior. Journal of Cognitive Neuroscience, 2020, 32, 2320-2332.	2.3	20
14	Functional biases in attentional templates from associative memory. Journal of Vision, 2020, 20, 7.	0.3	5
15	Modulation of the pupillary response by the content of visual working memory. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22802-22810.	7.1	42
16	Premembering Experience: A Hierarchy of Time-Scales for Proactive Attention. Neuron, 2019, 104, 132-146.	8.1	84
17	The tempos of performance. Current Opinion in Psychology, 2019, 29, 254-260.	4.9	17
18	Human gaze tracks attentional focusing in memorized visual space. Nature Human Behaviour, 2019, 3, 462-470.	12.0	98

#	Article	IF	Citations
19	Neural markers of category-based selective working memory in aging. NeuroImage, 2019, 194, 163-173.	4.2	4
20	Impaired corticomuscular and interhemispheric cortical beta oscillation coupling in amyotrophic lateral sclerosis. Clinical Neurophysiology, 2018, 129, 1479-1489.	1.5	36
21	Temporal alignment of anticipatory motor cortical beta lateralisation in hidden visualâ€motor sequences. European Journal of Neuroscience, 2018, 48, 2684-2695.	2.6	28
22	Anticipated moments: temporal structure in attention. Nature Reviews Neuroscience, 2018, 19, 34-48.	10.2	401
23	Early Behavioural Facilitation by Temporal Expectations in Complex Visual-motor Sequences. Neuroscience, 2018, 389, 74-84.	2.3	3
24	Anticipatory neural dynamics of spatial-temporal orienting of attention in younger and older adults. NeuroImage, 2018, 178, 46-56.	4.2	35
25	Benefits of flexible prioritization in working memory can arise without costs.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 398-411.	0.9	42
26	Feature-based attentional weighting and spreading in visual working memory. Scientific Reports, 2017, 7, 42384.	3.3	37
27	Prioritizing Information during Working Memory: Beyond Sustained Internal Attention. Trends in Cognitive Sciences, 2017, 21, 449-461.	7.8	275
28	Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated Î± Oscillations. Journal of Neuroscience, 2017, 37, 437-445.	3.6	108
29	Retrospective Attention Interacts with Stimulus Strength to Shape Working Memory Performance. PLoS ONE, 2016, 11, e0164174.	2.5	4
30	Early behavioural facilitation by temporal expectations in complex visual-motor sequences. Journal of Physiology (Paris), 2016, 110, 487-496.	2.1	5
31	Temporal orienting of attention can be preserved in normal aging.. Psychology and Aging, 2016, 31, 442-455.	1.6	30
32	The Neural Dynamics of Fronto-Parietal Networks in Childhood Revealed using Magnetoencephalography. Cerebral Cortex, 2015, 25, 3868-3876.	2.9	27
33	Temporal Dynamics of Attention during Encoding versus Maintenance of Working Memory: Complementary Views from Event-related Potentials and Alpha-band Oscillations. Journal of Cognitive Neuroscience, 2015, 27, 492-508.	2.3	99
34	Time in Cortical Circuits. Journal of Neuroscience, 2015, 35, 13912-13916.	3.6	71
35	Distinct neural mechanisms of individual and developmental differences in VSTM capacity. Developmental Psychobiology, 2014, 56, 601-610.	1.6	13
36	Combining spatial and temporal expectations to improve visual perception. Journal of Vision, 2014, 14, 8-8.	0.3	106

#	Article	IF	Citations
37	Age Group and Individual Differences in Attentional Orienting Dissociate Neural Mechanisms of Encoding and Maintenance in Visual STM. Journal of Cognitive Neuroscience, 2014, 26, 864-877.	2.3	29
38	Orienting Attention Within Visual Shortâ€Term Memory: Development and Mechanisms. Child Development, 2014, 85, 578-592.	3.0	59
39	Inter- and intra-individual variability in alpha peak frequency. NeuroImage, 2014, 92, 46-55.	4.2	460
40	Oscillatory Brain State Predicts Variability in Working Memory. Journal of Neuroscience, 2014, 34, 7735-7743.	3.6	92
41	Attention Restores Discrete Items to Visual Short-Term Memory. Psychological Science, 2013, 24, 550-556.	3.3	89
42	Frontal and Parietal Cortical Interactions with Distributed Visual Representations during Selective Attention and Action Selection. Journal of Neuroscience, 2013, 33, 16443-16458.	3.6	62
43	Attentional control constrains visual short-term memory: Insights from developmental and individual differences. Quarterly Journal of Experimental Psychology, 2012, 65, 277-294.	1.1	46
44	Top-down modulation: bridging selective attention and working memory. Trends in Cognitive Sciences, 2012, 16, 129-135.	7.8	1,049
45	Indexing the graded allocation of visuospatial attention using anticipatory alpha oscillations. Journal of Neurophysiology, 2011, 105, 1318-1326.	1.8	228
46	Alpha Oscillations Related to Anticipatory Attention Follow Temporal Expectations. Journal of Neuroscience, 2011, 31, 14076-14084.	3.6	315
47	Imagery for shapes activates position-invariant representations in human visual cortex. NeuroImage, 2011, 56, 1540-1545.	4.2	35
48	Functionally dissociating temporal and motor components of response preparation in left intraparietal sulcus. NeuroImage, 2011, 54, 1221-1230.	4.2	49
49	Behavioural Dissociation between Exogenous and Endogenous Temporal Orienting of Attention. PLoS ONE, 2011, 6, e14620.	2.5	117
50	Markers of preparatory attention predict visual short-term memory performance. Neuropsychologia, 2011, 49, 1458-1465.	1.6	66
51	Modulation of working-memory maintenance by directed attention. Neuropsychologia, 2011, 49, 1569-1577.	1.6	92
52	Age-Related Changes in Orienting Attention in Time. Journal of Neuroscience, 2011, 31, 12461-12470.	3.6	114
53	Subliminally Presented and Stored Objects Capture Spatial Attention. Journal of Neuroscience, 2010, 30, 3567-3571.	3.6	22
54	The Two Sides of Temporal Orienting. Experimental Psychology, 2010, 57, 142-148.	0.7	43

#	Article	IF	Citations
55	Modelling distractor devaluation (DD) and its neurophysiological correlates. Neuropsychologia, 2009, 47, 2354-2366.	1.6	16
56	Shape-specific preparatory activity mediates attention to targets in human visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19569-19574.	7.1	166
57	Attention Modulates Initial Stages of Visual Word Processing. Journal of Cognitive Neuroscience, 2008, 20, 1727-1736.	2.3	58
58	Spatial attention can bias search in visual short-term memory. Frontiers in Human Neuroscience, 2008, 1, 4.	2.0	74
59	Attentional Modulation of Object Representations in Working Memory. Cerebral Cortex, 2007, 17, 2072-2083.	2.9	205
60	Orienting attention to semantic categories. NeuroImage, 2006, 33, 1178-1187.	4.2	72
61	Orienting Attention Based on Long-Term Memory Experience. Neuron, 2006, 49, 905-916.	8.1	225
62	Cognitive control of attention in the human brain: Insights from orienting attention to mental representations. Brain Research, 2006, 1105, 20-31.	2.2	133
63	Synergistic Effect of Combined Temporal and Spatial Expectations on Visual Attention. Journal of Neuroscience, 2005, 25, 8259-8266.	3.6	300
64	Directing spatial attention in mental representations: Interactions between attentional orienting and working-memory load. NeuroImage, 2005, 26, 733-743.	4.2	143
65	Temporal Orienting of Attention. , 2005, , 257-263.		10
66	Sub-second â€œtemporal attentionâ€•modulates alpha rhythms. A high-resolution EEG study. Cognitive Brain Research, 2004, 19, 259-268.	3.0	114
67	Distinct neural substrates for visual search amongst spatial versus temporal distractors. Cognitive Brain Research, 2003, 17, 368-379.	3.0	69
68	Orienting Attention to Locations in Internal Representations. Journal of Cognitive Neuroscience, 2003, 15, 1176-1194.	2.3	549
69	Multiple mechanisms of selective attention: differential modulation of stimulus processing by attention to space or time. Neuropsychologia, 2002, 40, 2325-2340.	1.6	161
70	Heterogeneity of Cingulate Contributions to Spatial Attention. NeuroImage, 2001, 13, 1065-1072.	4.2	155
71	Orienting attention in time. Frontiers in Bioscience - Landmark, 2001, 6, d660-671.	3.0	1
72	The dynamics of shifting visuospatial attention revealed by event-related potentials. Neuropsychologia, 2000, 38, 964-974.	1.6	226

#	Article	IF	Citations
73	The Large-Scale Neural Network for Spatial Attention Displays Multifunctional Overlap But Differential Asymmetry. NeuroImage, 1999, 9, 269-277.	4.2	319
74	Where and When to Pay Attention: The Neural Systems for Directing Attention to Spatial Locations and to Time Intervals as Revealed by Both PET and fMRI. Journal of Neuroscience, 1998, 18, 7426-7435.	3.6	1,122
75	The neural system of language: structure and development. Current Opinion in Neurobiology, 1997, 7, 262-268.	4.2	26
76	Word recognition in the human inferior temporal lobe. Nature, 1994, 372, 260-263.	27.8	759
77	Electrophysiological studies of color processing in human visual cortex. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 88, 343-355.	2.0	102